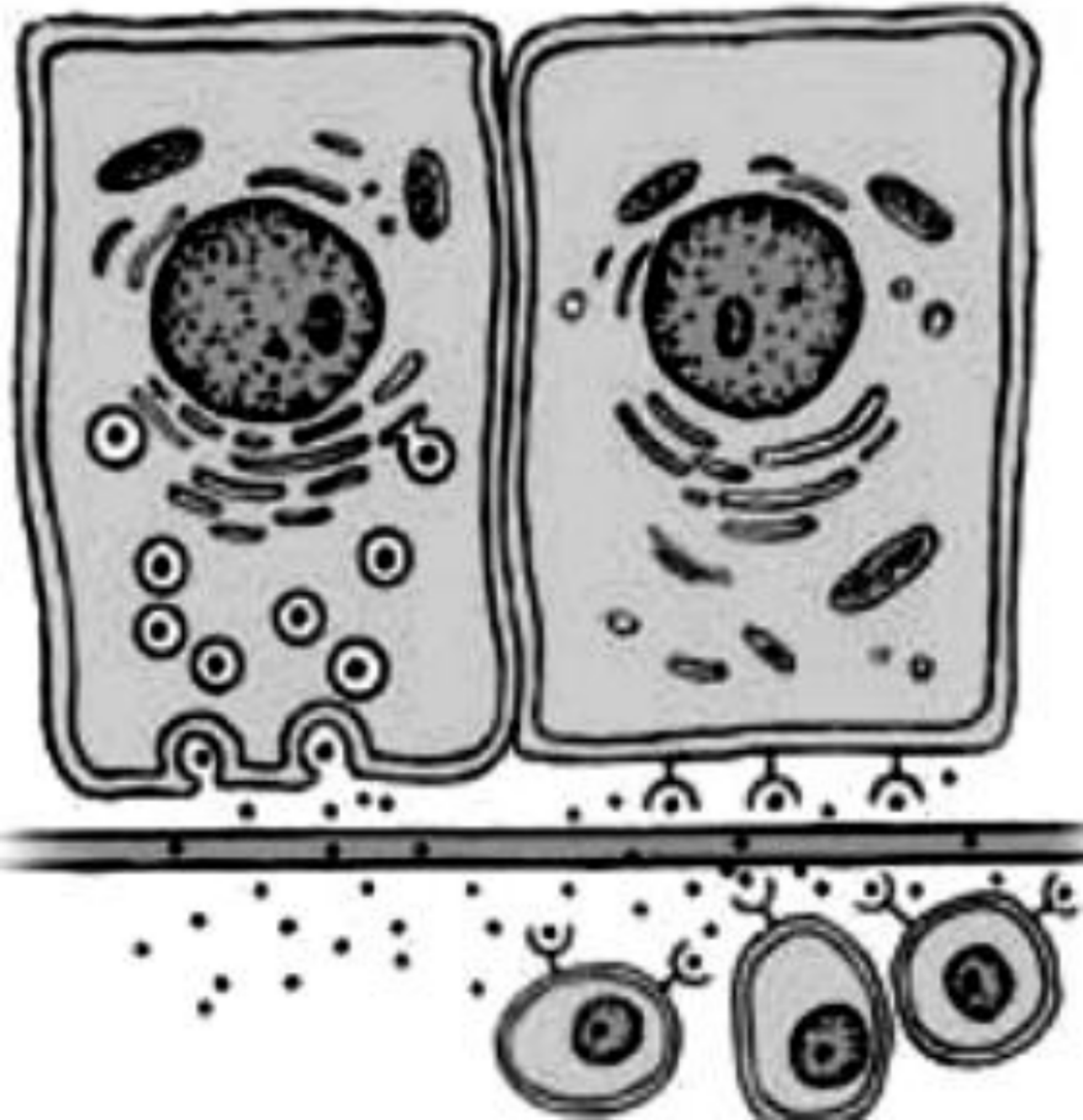
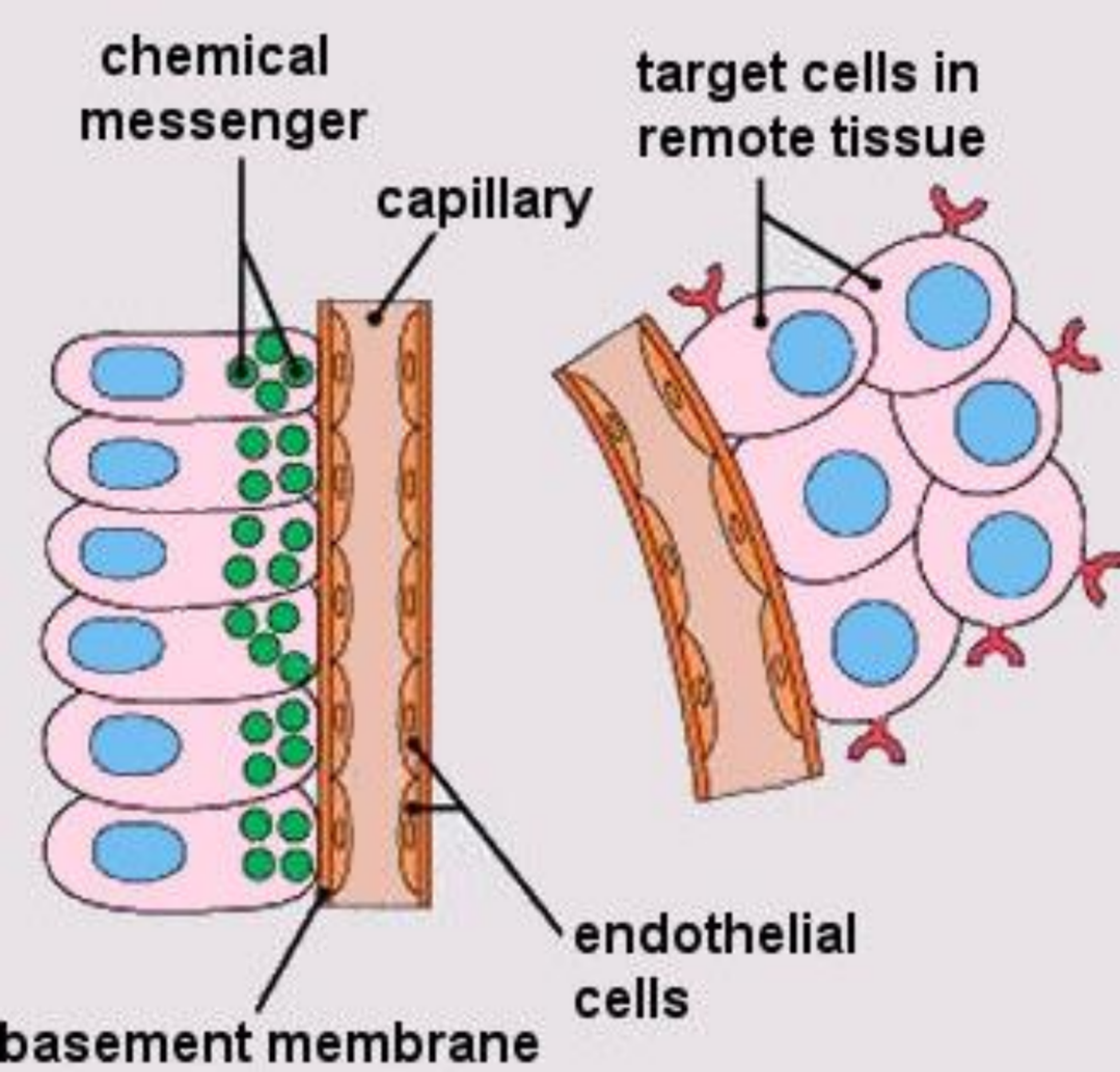
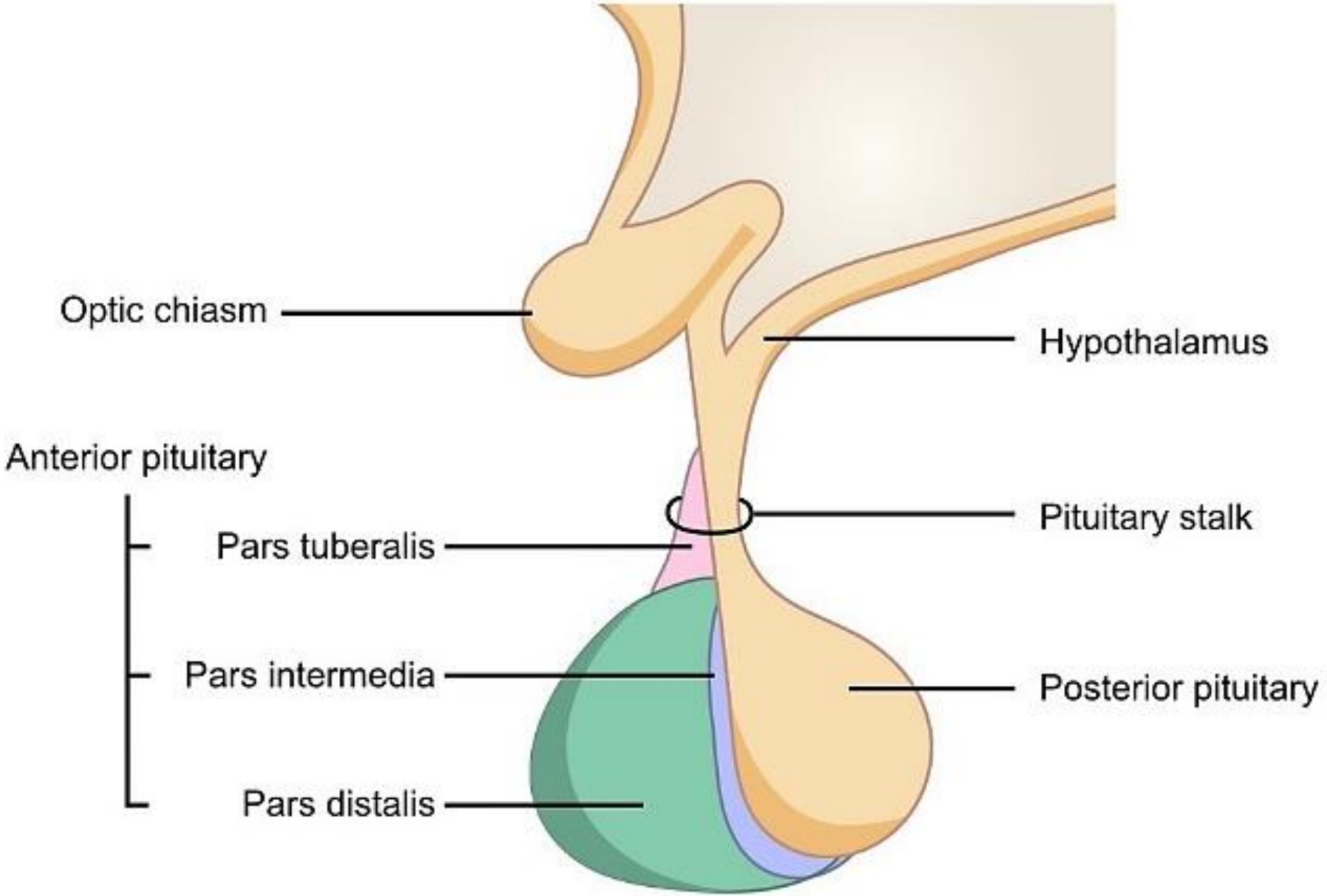
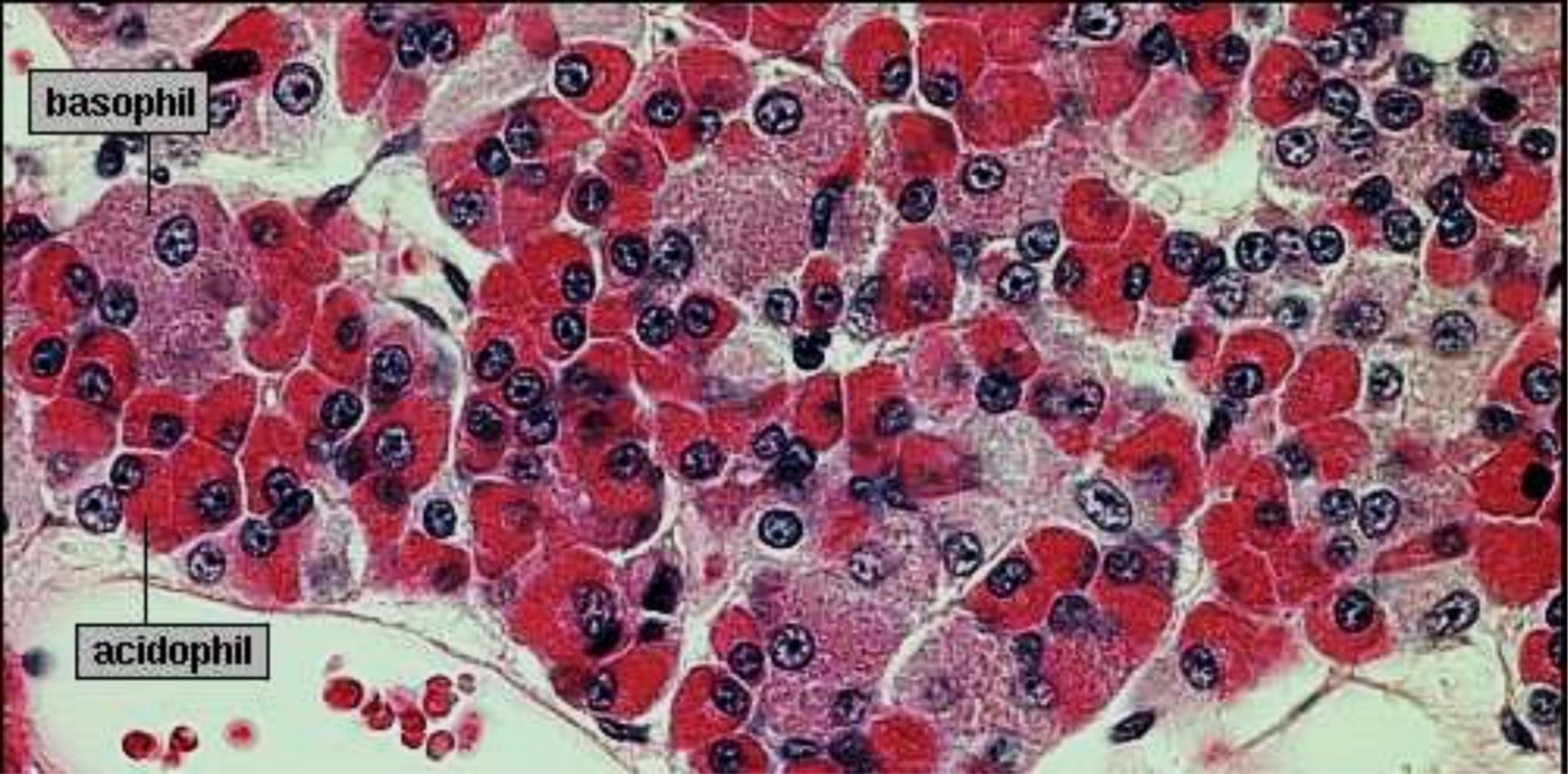


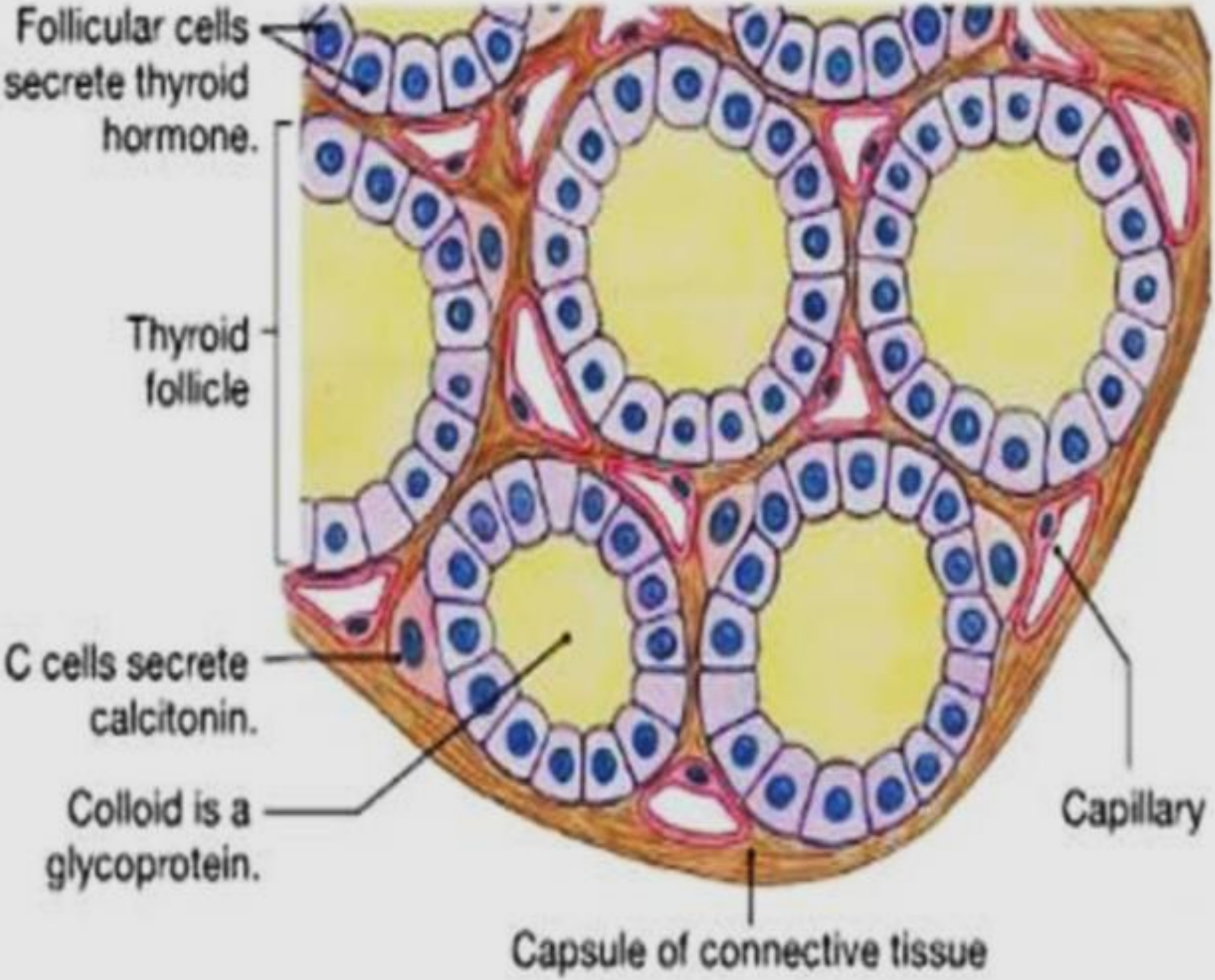

chemical messenger
target cells in remote tissue
capillary
endothelial cells
basement membrane

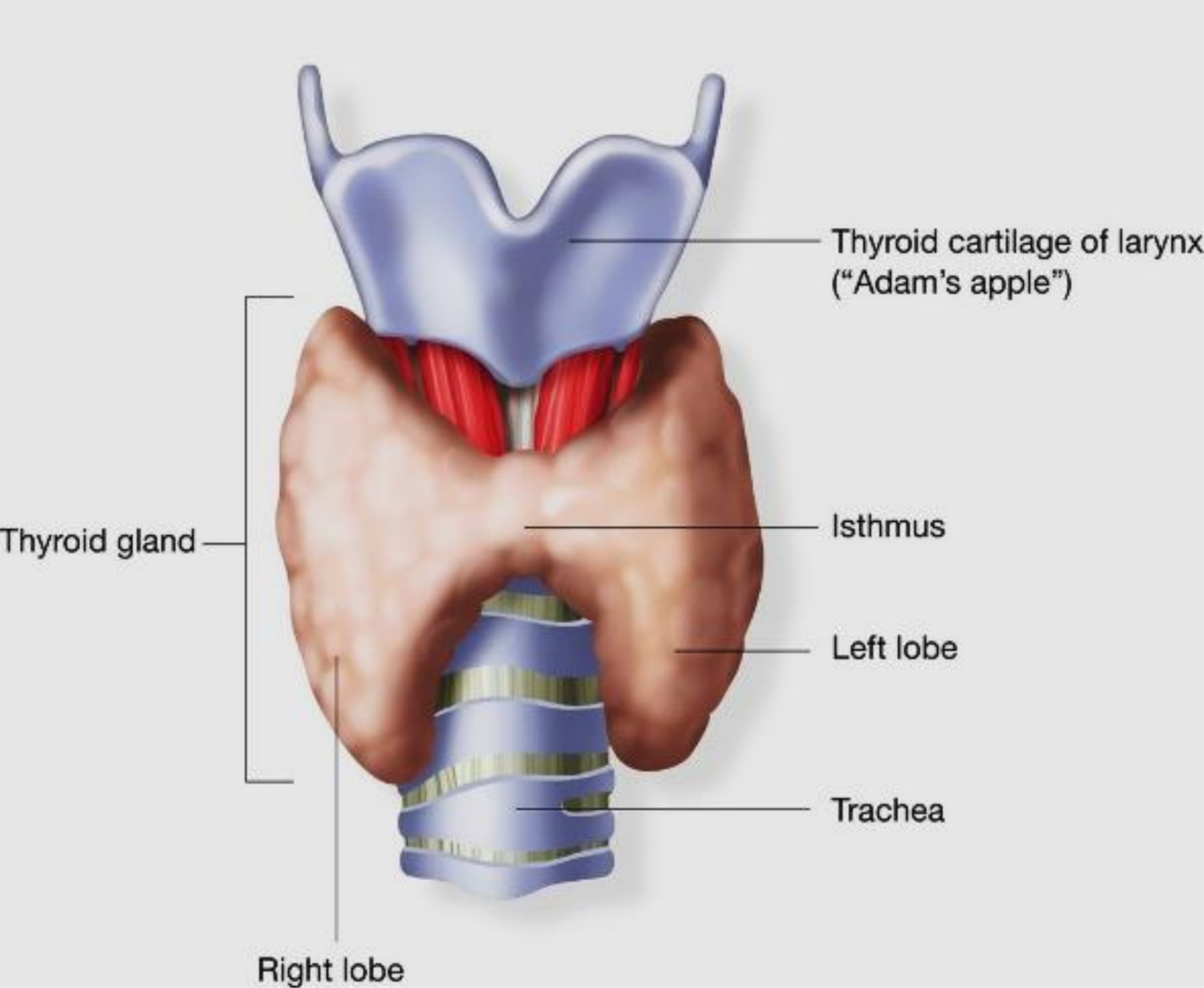
Pars tuberalis
Infundibulum
Pars intermediate
Pars nervosa
Pars anterior

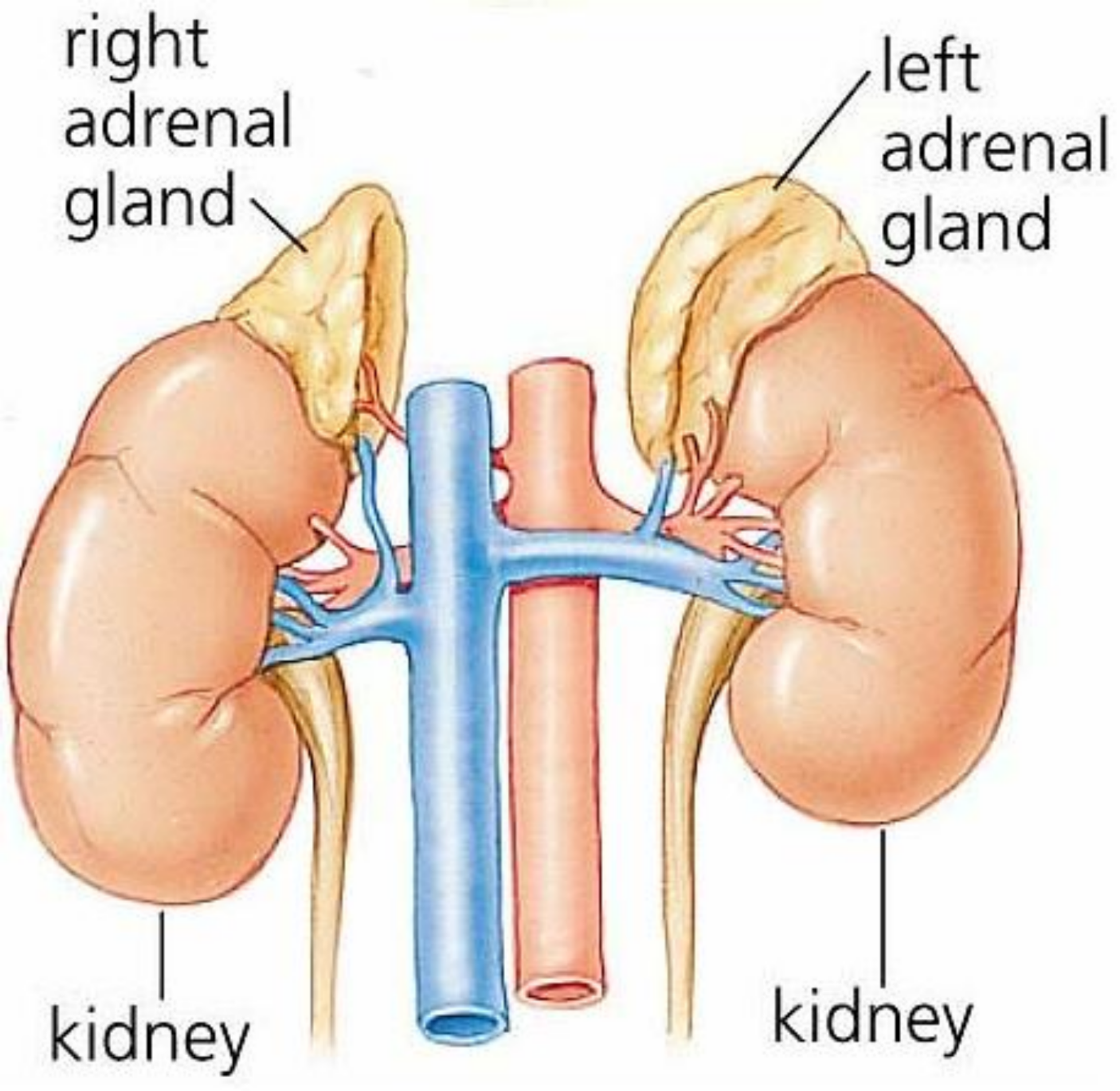

Optic chiasm
Hypothalamus
Anterior pituitary
Pars tuberalis
Pituitary stalk
Pars intermedia
Posterior pituitary
Pars distalis

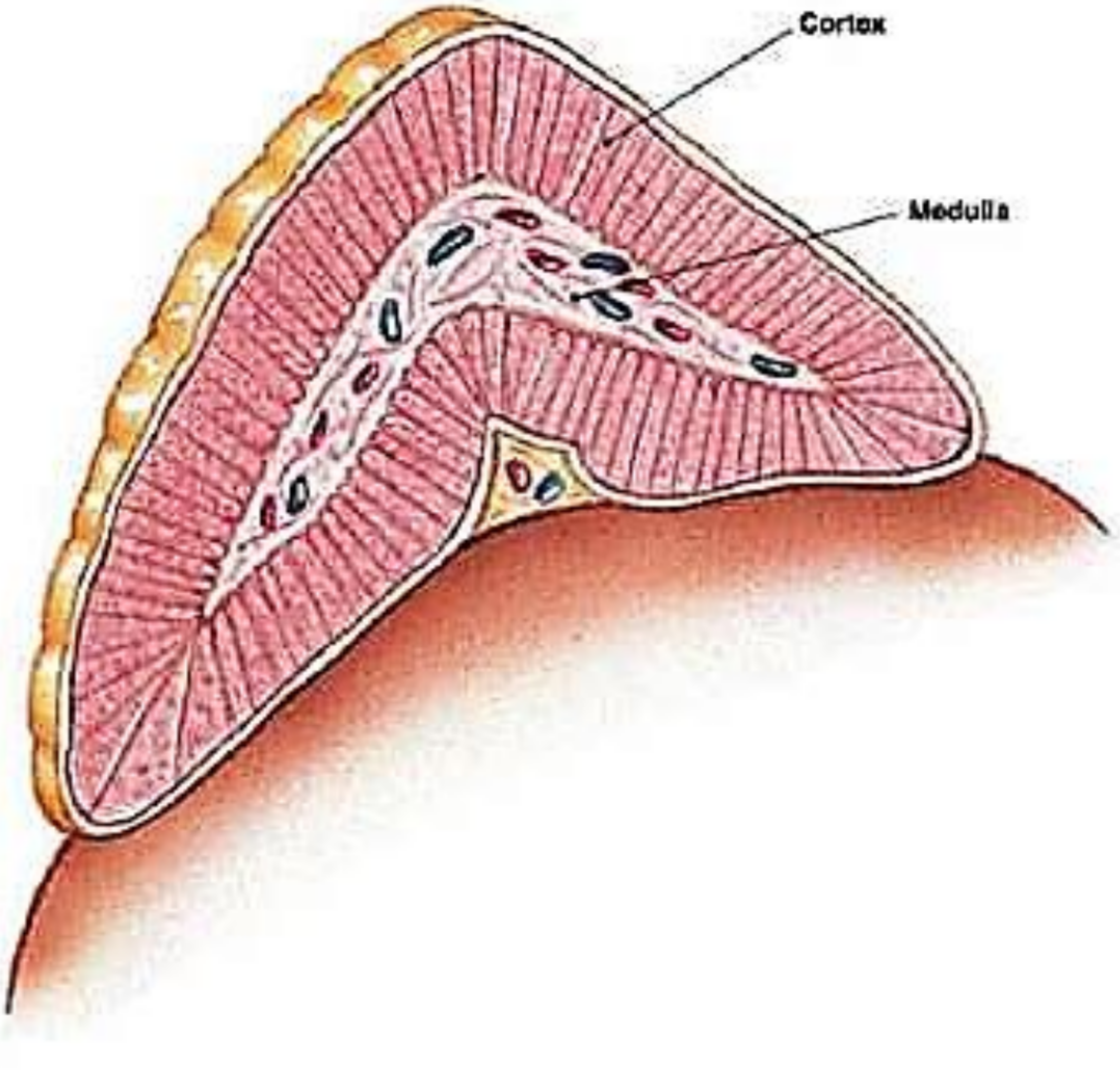

basophil
acidophil

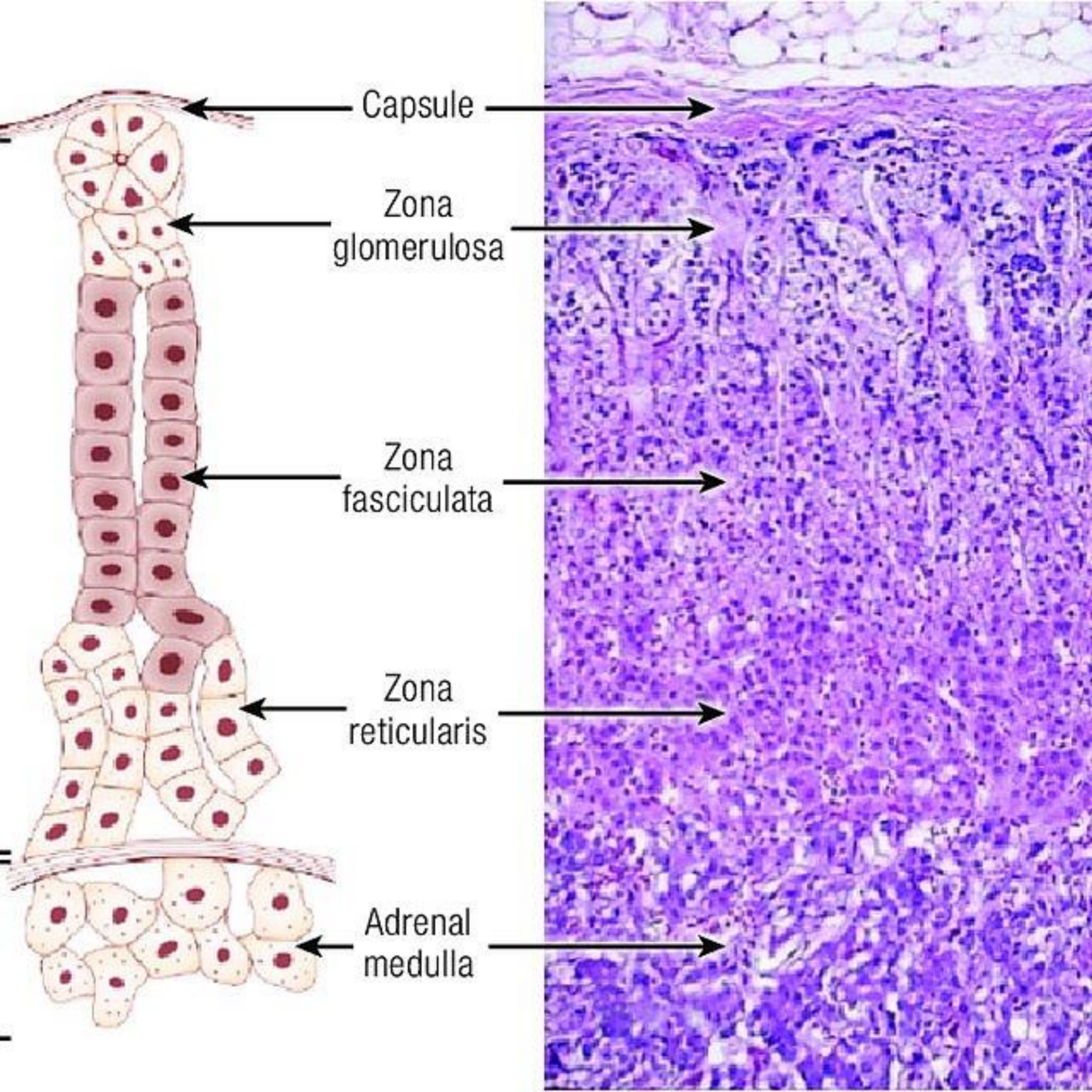
Internal and external stimuli
Neurotransmitters
Hypothalamus
ADH and oxytocin
Releasing hormones
Nerve tracts
Portal system
Posterior pituitary
Anterior pituitary
Antidiuretic hormone
(ADH, vasopressin)
Oxytocin
Prolactin
FSH and LH (ICSH)
FSH and LH
GH
ACTH
TSH
Kidney
Breast
Uterus
Breast
Corpus luteum
Ovary
Testes
Bone and soft tissues
Adrenal gland
Thyroid gland
Progesterone
Adrenocorticosteroids
Thyroid hormones
Testosterone
Estrogen
Blood levels exert regulatory influences upon the anterior pituitary gland and the hypothalamus


Follicular cells secrete thyroid hormone.
Thyroid follicle
C cells secrete calcitonin.
Colloid is a glycoprotein.
Capillary
Capsule of connective tissue


Thyroid cartilage of larynx
("Adam's apple")
Thyroid gland
Isthmus
Left lobe
Trachea
Right lobe


right adrenal gland
left adrenal gland
kidney
kidney


Cortex
Medulla


Capsule
Zona glomerulosa
Zona fasciculata
Zona reticularis
Adrenal medulla